



1998 Toxics Release Inventory

ALABAMA

Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	71,034,179	58,854,650	129,888,829
Air Emissions	54,160,590	28,710,204	82,870,794
Surface Water Discharges	4,810,219	221,813	5,032,032
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	5	45,000	45,005
On-site Land Releases to RCRA Subtitle C Landfills	718,739	12,060,964	12,779,703
Other On-site Land Releases	11,344,626	17,816,669	29,161,295
Off-site Releases (Transfers Off-site to Disposal)*	17,551,050	531,935	18,082,985
Total On- and Off-site Releases	88,585,229	59,386,585	147,971,814
Recycled On-site	293,178,514	4,194,273	297,372,787
Recycled Off-site	37,396,496	262,123	37,658,619
Energy Recovery On-site	65,522,981	8,057,169	73,580,150
Energy Recovery Off-site	11,172,203	29,600,899	40,773,102
Treated On-site	284,398,610	6,461,877	290,860,487
Treated Off-site**	13,390,960	215,243	13,606,203
Quantity Released On- and Off-site***	78,418,482	59,477,146	137,895,628
Total Production-related Waste Managed	783,478,246	108,268,730	891,746,976
Total Non-production-related Waste Managed	233,142	547	233,689

Transfers Off-site for Further Waste Management/Disposal

	Original Industries	New Industries	Total
Recycling	35,805,780	418,184	36,223,964
Energy Recovery	11,387,978	29,595,406	40,983,384
Treatment	8,822,439	228,240	9,050,679
Publicly Owned Treatment Works (POTWs)	1,232,153	8	1,232,161
Metals and Metal Compounds*	40,413	0	40,413
Non-metal TRI Chemicals**	1,191,740	8	1,191,748
Other Off-site Transfers****	0	0	0
Off-site Transfers to Disposal (not including metals to POTWs)	18,445,330	535,663	18,980,993
Total Transfers Off-site for Further Waste Management/Disposal	75,693,680	30,777,501	106,471,181

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact:

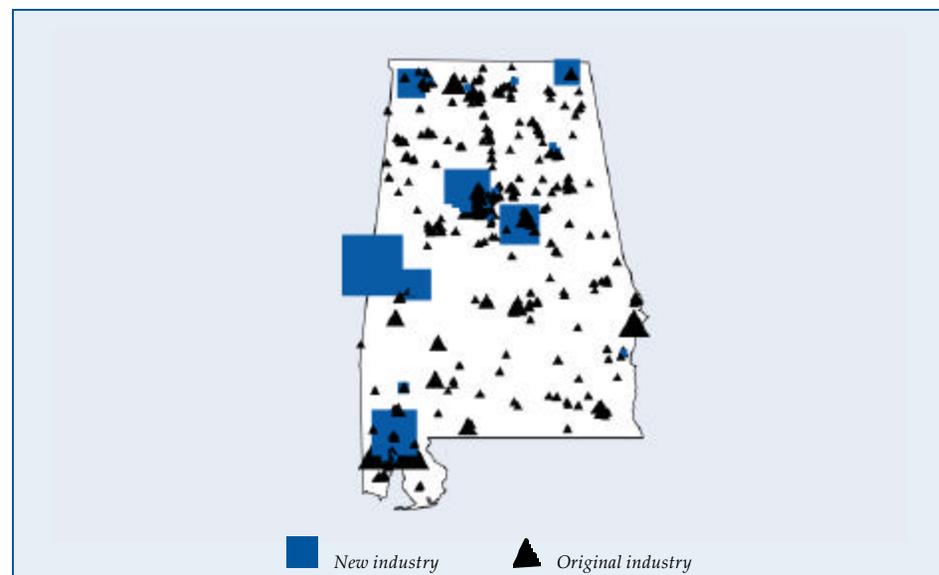
Kirk Chandler
(334) 260-2717
Fax: (334) 272-8131

EPA Regional Contact:

Ezequiel Velez
(404) 562-9191
Fax: (404) 562-9163

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):

(202) 260-1531
Fax: (202) 401-2347



The largest marker in the state map represents the largest facility for on-site releases in the state of Alabama. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	4,351,999
Square Miles	50,750
Total Facilities	563
Total Forms	2,274
Form As	367

	Original Industries	New Industries	Total
National Rank for Total On- and Off-site Releases*			
Rank	9	16	12
Pounds	88,585,229	59,386,585	147,971,814
National Rank for Total On-site Releases**			
Rank	9	16	15
Pounds	71,034,179	58,854,650	129,888,829
National Rank for Total Releases within State***			
Rank	10	16	14
Pounds	81,125,706	59,242,673	140,368,379
National Rank for Production-related Waste Managed			
Rank	11	12	12
Pounds	783,478,246	108,268,730	891,746,976

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



1998 Toxics Release Inventory

ALABAMA

On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-Site Releases				Off-site Releases	Total Releases in the State **	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-Site to Disposal * Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
67-56-1	Methanol	13,679,270	755,542	0	112,947	105,138	14,652,897	1,300	31,720	73,418
75-15-0	Carbon disulfide	11,395,630	2,115	0	0	0	11,397,745	0	0	0
7440-50-8	Copper	11,889	941	0	485	9,582,061	9,595,376	75,368	3,476,355	6,128,099
—	Manganese compounds	42,151	655,713	0	4,653,381	2,244,653	7,595,898	101,249	1,722,062	523,791
—	Zinc compounds	183,419	217,197	0	4,871,960	1,115,939	6,388,515	2,622,740	643,991	472,960
7664-41-7	Ammonia	2,973,902	406,149	0	14,770	53,459	3,448,280	7	23,467	29,992
—	Nitrate compounds	41,895	2,366,846	0	35,845	496,880	2,941,466	0	260,000	236,880
108-88-3	Toluene	2,783,634	2,367	0	0	62,338	2,848,339	4,774	60,613	1,725
1330-20-7	Xylene (mixed isomers)	2,476,309	1,334	0	0	78,514	2,556,157	11,254	2,137	76,377
7439-96-5	Manganese	36,343	317	0	875,462	1,608,229	2,520,351	267	1,452,455	155,774

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-Site Releases				Off-site Releases	Total Releases in the State **	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-Site to Disposal * Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	18,159,414	0	0	0	0	18,159,414	0	0	0
—	Barium compounds	34,347	77,789	45,000	11,463,957	186,299	11,807,392	286	184,794	1,510
7664-93-9	Sulfuric acid	5,897,531	0	0	0	0	5,897,531	0	0	0
7664-39-3	Hydrogen fluoride	4,301,157	630	0	224,550	0	4,526,337	0	0	0
—	Zinc compounds	14,785	30,706	0	3,695,407	41,497	3,782,395	7,024	39,336	2,161
—	Lead compounds	4,459	1,837	0	3,529,145	21,870	3,557,311	6,066	2,516	19,355
—	Copper compounds	5,598	15,936	0	2,142,204	7,025	2,170,763	7,621	5,525	1,500
—	Arsenic compounds	5,364	51,227	0	1,446,318	79,750	1,582,659	1,720	4,685	75,065
—	Chromium compounds	6,212	2,522	0	1,519,280	29,273	1,557,287	5,813	9,088	20,185
—	Manganese compounds	9,718	36,338	0	1,278,374	114,880	1,439,310	1,627	114,880	0

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.



1998 Toxics Release Inventory

ALABAMA

On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection		On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
			Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Acordis Cellulosic Fibers Inc., Axis, Mobile	10,662,000	16,200	0	0	0	420,000	11,098,200	0	0
USS Fairfield Works, Fairfield, Jefferson	156,789	7,594	0	0	0	5,649,401	5,813,784	2,553	0
Mead Coated Board Inc., Cottohton, Russell	3,094,550	120,918	0	0	0	636,223	3,851,691	0	0
Champion Intl. Courtland Mill, Courtland, Lawrence	2,311,965	224,247	0	0	0	396,394	2,932,606	0	0
U. S. Alliance Coosa Pines Corp., Coosa Pines, Talladega	1,975,740	135,800	0	0	0	183,440	2,294,980	0	0
Union Camp Corp., Prattville, Autauga	1,706,360	104,230	0	0	0	381,306	2,191,896	0	0
Kimberly-Clark Corp., Mobile, Mobile	1,719,190	368,540	0	0	0	0	2,087,730	77,639	0
Amoco Chemical Co., Decatur, Morgan	1,441,361	451,997	0	0	0	186,511	2,079,869	2,010	25,672
Alabama River Pulp Co. Inc., Perdue Hill, Monroe	1,128,705	237,000	0	0	0	595,120	1,960,825	0	0
Jefferson Smurfit Corp. (US), Brewton, Escambia	1,431,820	123,060	0	0	0	321,011	1,875,891	0	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection		On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
			Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Chemical Waste Management, Emelle, Sumter	350	0	0	0	12,060,964	0	12,061,314	5,410	161,616
Alabama Power Co. — Plant Barry, Bucks, Mobile	5,637,540	21,099	0	0	0	2,927,925	8,586,564	0	0
Alabama Power Co. — Plant Gaston, Wilsonville, Shelby	4,065,426	20,602	0	0	0	3,284,276	7,370,304	0	0
Alabama Power Co. — Plant Miller, Quinton, Jefferson	2,603,215	7,106	0	0	0	4,337,143	6,947,464	1	0
Alabama Power Co. — Plant Gorgas, Parrish, Walker	3,685,888	43,156	0	0	0	2,288,711	6,017,755	0	0
Alabama Power Co. — Plant Greene County, Forkland, Greene	4,760,319	4,687	0	0	0	601,951	5,366,957	0	0
U.S. TVA Colbert Fossil Plant, Tusculmbia, Colbert	3,379,770	42,775	0	0	0	1,435,150	4,857,695	2,550	0
U.S. TVA Widows Creek Fossil Plant, Stevenson, Jackson	2,728,300	47,250	0	0	0	1,466,005	4,241,555	103,470	500
Mobile Energy Services Co. L.L.C., Mobile, Mobile	1,067,849	0	0	0	0	0	1,067,849	260,260	0
U.S. Steel Mining Co. L.L.C. Oak Grove System, Adger, Jefferson	87	10,000	0	45,000	0	975,000	1,030,087	0	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



1998 Toxics Release Inventory

ALABAMA

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Acordis Cellulosic Fibers Inc., Axis, Mobile	18,880,000	0	0	0	828,000	0	11,137,000	30,845,000	0
USS Fairfield Works, Fairfield, Jefferson	0	3,506,000	0	0	0	0	5,816,338	9,322,338	0
Mead Coated Board Inc., Cottomton, Russell	0	0	1,492,804	0	7,935,210	0	3,850,600	13,278,614	0
Champion Intl. Courtland Mill, Courtland, Lawrence	0	0	2,261,000	0	21,450,900	0	2,911,760	26,623,660	430
Macmillan Bloedel Packaging Inc. Pine Hill Ops., Pine Hill, Wilcox	0	0	27,600	0	8,058,800	0	2,398,490	10,484,890	233
U. S. Alliance Coosa Pines Corp., Coosa Pines, Talladega	233,000	0	0	0	12,191,600	0	2,296,400	14,721,000	0
Kimberly-Clark Corp., Mobile, Mobile	0	0	1,900,000	0	19,854,000	17	2,206,920	23,960,937	0
Union Camp Corp., Prattville, Autauga	0	0	669,408	0	6,696,880	0	2,193,030	9,559,318	0
Amoco Chemical Co., Decatur, Morgan	0	270,000	0	0	3,025,170	139,440	2,098,200	5,532,810	0
Alabama River Pulp Co. Inc., Perdue Hill, Monroe	0	0	0	0	13,163,000	0	1,968,105	15,131,105	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Chemical Waste Management, Emelle, Sumter	0	40,434	0	0	0	194,700	12,347,529	12,582,663	0
Alabama Power Co. — Plant Barry, Bucks, Mobile	0	0	0	0	0	0	8,586,564	8,586,564	0
Alabama Power Co. — Plant Gaston, Wilsonville, Shelby	0	0	0	0	0	0	7,370,304	7,370,304	0
Alabama Power Co. — Plant Miller, Quinton, Jefferson	0	0	0	0	0	0	6,947,465	6,947,465	0
Alabama Power Co. — Plant Gorgas, Parrish, Walker	0	0	0	0	0	0	6,017,755	6,017,755	0
Alabama Power Co. — Plant Greene County, Forkland, Greene	0	0	0	0	0	0	5,366,957	5,366,957	0
U.S. TVA Colbert Fossil Plant, Tusculmbia, Colbert	0	0	0	0	832,000	0	4,844,020	5,676,020	0
U.S. TVA Widows Creek Fossil Plant, Stevenson, Jackson	0	8,700	0	0	5,626,000	0	4,330,020	9,964,720	0
Mobile Energy Services Co. L.L.C., Mobile, Mobile	0	0	8,057,169	0	0	0	1,388,919	9,446,088	0
U.S. Steel Mining Co. L.L.C. Oak Grove System, Adger, Jefferson	36,000	0	0	0	0	0	1,000,000	1,036,000	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.